

Waste Heat Recovery Potential Locations

Date Posted 1/27/2022

Tennessee Gas Pipeline, LLC (Tennessee) is participating in a voluntary program to facilitate the development of natural gas fired turbine compressor station exhaust heat recovery for power generation, as detailed in a INGAA white paper entitled "Waste Heat Recovery Opportunities: Pipelines Present Energy Efficient Proposal". The white paper suggests that pipelines post a listing of gas turbine compressor stations on their system that:

1. Have a total gas turbine station capacity of at least 15,000 hp; and,
2. Operated at or more than 5,200 hours (60% load factor) over the last 12 months.

Tennessee currently has nine gas turbine compressor stations that meets the criteria stated above located in Powell County, Kentucky (Station 106), Boyd County, Kentucky (Station 114), Davidson County, Tennessee (Station 563), Kanawha County, West Virginia (Station 119A), Niagara County, New York (Station 230C), Rapides County, Louisiana (Station 827), Bradford County, Pennsylvania (Station 317), Sussex County, New Jersey (Station 325), and Tioga County, Pennsylvania (Station 315).

Tennessee is willing to consider proposals from legitimate 3rd party developers for Recovered Energy Generation (REG) waste heat recovery at these compressor stations.

For more information, please contact James Trent at 713-420-4434.